No.



9500190

Aorthrup King Company

Morens, there has been presented to the

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTEGUION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE DAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPEICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLICATION AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE WARIETY OF OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE QVE PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT VIDED BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

SOYBEAN

'\$00-66'

In Testimony Whereat, I have hereunto set my hand and caused the seal of the Hant Unriety Protection Office to be affixed at the City of Washington, D.C. this thirtieth day of August in the year of our Lord

| U.S. DEPARTMENT OF AC AGRICULTURAL MARKET SCIENCE DIVISI | Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| APPLICATION FOR PLANT VARIET | | ION CERTIFICATE | 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426). |
| NAME OF APPLICANT(S) (as it is to appear on the Certificate) | | 2. TEMPORARY DESIGNATION | 3. VARIETY NAME |
| Northrup King Co. | | OR EXPERIMENTAL NO. | S00 <u>∸</u> 66 |
| 4. ADDRESS (street and no. or R.F.D. no., city, state, and ZIP) | | 5. PHONE (include area code) | FOR OFFICIAL USE ONLY |
| P. O. Box 949 | | | PVPO NUMBEP |
| Washington, Iowa 52353-0949 | | | 9500190 |
| Attention: Dr. John C. Thorne | | | May 19, 1995 |
| | | | Time |
| 6. GENUS AND SPECIES NAME 7. F | AMILY NAME (Bo | lanical) | G AM P.M. |
| Glycine max | Leguminosae | | F Filing and Examination Fee: |
| 8. CROP KIND NAME (Common Name) | | 9. DATE OF DETERMINATION | \$ 2450°° |
| Soybean | | September, 1989 | l Date |
| 10. IF THE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF | ORGANIZATION | | E May 19, 1995 |
| association, etc.) | - · · · · · · · · · · · · · · · · · · · | (| C Certificate Fee: |
| Corporation 11. IF INCORPORATED, GIVE STATE OF INCORPORATION | | | 300.00 |
| TI IF INCOMPONATED, GIVE STATE OF INCOMPORATION | *. | 12: DATE OF INCORPORATION | D Date |
| Delaware 13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF A | <u> </u> | 1976 | Chuly 12, 1996 |
| Northrup King Co. P. 0. Box 949 Washington, Iowa 52353~0949 14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTE a. Xi Exhibit A, Origin and Breeding History of the Variety b. Xi Exhibit B, Novelty Statement c. Xi Exhibit C, Objective Description of Variety d. Xi Exhibit C, Objective Description of Variety e. Xi Exhibit E, Statement of the Basis of Applicant's Owners's f. Xi Seed Sample (2,500 viable untreated seeds). Date Seed g. Xi Filing and Examination Fee (\$2,325) made payable to "1 | nip I Sample mailed to | D Plant Variety Protection Office | 9~653~6645 |
| 15. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY Plant Variety Protection Act) YES (If "YES," answer items | BE SOLD BY VAI 16 and 17 below | RIETY NAME ONLY AS A CLASS OF CEF) | |
| 16. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE | 17: IF "YE | S" TO ITEM 16, WHICH CLASSES OF P | RODUCTION BEYOND BREEDER SEED? |
| LIMITED AS TO NUMBER OF GENERATIONS? | i | ☐ FOUNDATION ☐ REGISTER | RED CERTIFIED |
| 8. DID THE APPLICANT(S) PREVIOUSLY FILE FOR PROTECTION OF | | THE U.S.? | |
| ☐ YES (If "YES," through ☐ Plant Variety Protection Ac | t 🔲 Pateni | t Act. Give date: |). |
| 19. HAS THE VARIETY BEEN RELEASED, USED, OFFERED FOR SALI | E, OR MARKETED Canada, Ja | in the u.s. or other countries? nuary, 1992; U.S., March, | 1995 |
| □ NO | | | |
| The applicant(s) declare(s) that a viable sample of basic seeds of the such regulations as may be applicable. | nis variety will be for | urnished with the application and will be i | replenished upon request in accordance with |
| The undersigned applicant(s) is (are) the owner(s) of this sexually re in section 41, and is entitled to protection under the provisions of section 41. | produced novel pla ection 42 of the Pi | ant variety, and believe(s) that the variety lant Variety Protection Act. | is distinct, uniform, and stable as required |
| Applicant(s) is (are) informed that false representation herein can je | opardize protectio | n and result in penalties. | |
| SIGNATURE OF APPLICANT [CYNO(S)] | l | CAPACITY OR TITLE | DATE |
| 1) // /0 (1) | | | - 1 · · · |
| John I Illians | | Soybean Research Director | 5-5-95 |
| SIGNATURE OF APPLICANT [Owner(s)] | | APACITY OR TITLE | • |
| The state of the country [Danielst] | | CONTRACTOR OF STRUCTURE CONTRACTOR CONTRACTO | DATE |
| | | | |
| | | | 1 . |

EXHIBIT A

Origin and Breeding History of the Variety

The soybean variety 'S00-66' is derived from a single F6 plant from the cross 'B117' x 'Bicentennial'. The cross was made in the summer of 1986 at the Northrup King Research Center at Washington, Iowa. The F1 and F2 were grown at the Northrup King Research Center at Waimea, Kauai, Hawaii, in the winter of 1986-87; the F3 at the Northrup King Research Center at London, Ontario, in the summer of 1987, the F4 and F5 at Waimea in the winter of 1987-88, and the F6 at London in the summer of 1988. The F1 was bulk harvested. The F2 through F5 generations were advanced by harvesting 2-4 seeds per plant and planting 600 seeds from the resulting bulk. In the fall of 1988, single F6 plants were selected and threshed individually. The progeny from these plants were planted in a preliminary yield trial at London in 1989. One of these, numbered C304736, was selected based on yield and agronomic characteristics for further testing. This line was subsequently tested under the temporary designation X93005 and named S00-66. It has been tested at several northern U.S. and Ontario locations from 1990 through 1994 and found to yield well compared to other Group 00 varieties. Descriptive characteristics including purple flowers, tawny pubescence, brown pods, and brown hilum (may contain up to 2% other hilum color) have been identified and confirmed. S00-66 has been tested in the field for iron deficiency chlorosis and found to be moderately resistant. It has been tested for reaction to races 1, 3, 4 and 7 of Phytophthora sojae using hypocotyl inoculation of field grown plants and found to carry the Rps1-a gene for resistance.

In the winter of 1990-91, 500 seeds of S00-66 was grown at Waimea and 100 plants harvested and threshed individually. The progeny of these plants were grown at London to monitor variability and to produce Pedigree Seed. These rows were uniform and true to type, so all rows were bulked to produce Pedigree Seed. This seed was increased in the winter of 1991-92 in Chile and again in the summer of 1992 near London to produce Breeder Seed. The Breeder Seed Increase was carefully rogued during flowering and at maturity. A few plants which did not conform to the variety description were removed. These were assumed to have come from mechanical mixture.

Foundation Seed of S00-66 was produced in 1993 and 1994 in Ontario. Foundation Seed in the U.S. will be grown from this seed source.

S00-66 is stable and uniform. No variants have been observed over 5 years of testing and 4 cycles of seed increase. Any off-type plants removed from increase fields were assumed to have arisen from admixture or outcrossing. Varietal purity will be maintained using progeny rows as described previously as needed for the life of the variety.

EXHIBIT B

Novelty Statement for the Variety

S00-66 is most similar to Maple Glen and KG 41. It can be differentiated from these varieties on the basis of hilum color. Seeds of S00-66 have brown hila, while seeds of Maple Glen and KG 41 have yellow hila.

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U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, MEAT, GRAIN & SEED DIVISION
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MARYLAND 20705

EXHIBIT C (Soybean)

OBJECTIVE DESCRIPTION OF VARIETY

SOYBEAN (Glycine max L.)

| | AN (Glycine max L.) | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------------------------|
| NAME OF APPLICANT(S) | TEMPORARY DESIGNATION | VARIETY NAME |
| Northrup King Co. | , | S00≛66 |
| ADDRESS (Street and No., or R.F.D. No., City, State, and Zip Code | 9) | FOR OFFICIAL USE ONLY |
| P. O. Box 949 | | PVPO NUMBER |
| Washington, Iowa 52353±0949 | | 9500190 |
| Choose the appropriate response which characterizes the varing your answer is fewer than the number of boxes provided, | iety in the features described l place a zero in the first box w | below. When the number of significant digits then number is 9 or less (e.g., 0 9). |
| 1. SEED SHAPE: | n | |
| 2 L W The state of the st | | (L/W ratio > 1.2; L/T ratio = < 1.2) (L/T ratio > 1.2; T/W > 1.2) |
| 2. SEED COAT COLOR: (Mature Seed) | | |
| 1 1 = Yellow 2 = Green 3 = Brown | 4 = Black 5 = Other | (Specify) |
| 3. SEED COAT LUSTER: (Mature Hand Shelled Seed) | | |
| 1 = Duil ('Corsoy 79'; 'Braxton') 2 = Shiny ('Nebso | oy'; 'Gasoy 17') | |
| 4. SEED SIZE: (Mature Seed) | | |
| 1 8 Grams per 100 seeds | | |
| 5. HILUM COLOR: (Mature Seed) | | |
| 3 1 = Buff 2 = Yellow 3 = Brown May contain up to 2% other hilum color. | 4 = Gray 5 = Imperfect Bla | ack 5 = Black 7 = Other (Specify) |
| 6. COTYLEDON COLOR: (Mature Seed) | | |
| 1 = Yellow 2 = Green | | |
| 7. SEED PROTEIN PEROXIDASE ACTIVITY: | | |
| 2 1 = Low 2 = High | | |
| 8. SEED PROTEIN ELECTROPHORETIC BAND: | | |
| 1 = Type A (SP1 ^a) 2 = Type B (SP1 ^b) | | |
| 9. HYPOCOTYL COLOR: | | |
| 1 = Green only ('Evans'; 'Davis') 2 = Green wit 3 = Light Purple below cotyledons ('Beeson'; 'Pickett 71') 4 = Dark Purple extending to unifoliate leaves ('Hodgson'; | | ('Woodworth'; 'Tracy') |
| 10. LEAFLET SHAPE: | | |
| 3 1 = Lanceolate 2 = Oval 3 = Ovate | 4 = Other (Specify) | |

| 11, LEAFLET SIZE: | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| 1 = Small ('Amsoy 71'; 'A5312') 3 = Large ('Crawford'; 'Tracy') | 2 = Medium ('Corsoy 79'; 'Gasoy 17') |
| ************************************** | |
| 12. LEAF COLOR: 1 = Light Green ('Weber'; 'York') 3 = Dark Green ('Gnome'; 'Tracy') | 2 = Medium Green ('Corsoy 79'; 'Braxton') |
| 13. FLOWER COLOR: | |
| 2 1 = White 2 = Purple | 3 = White with purple throat |
| 14, POD COLOR: | |
| 2 1 = Tan 2 = Brown | 3 = Black |
| 15. PLANT PUBESCENCE COLOR: | |
| 2 1 = Gray 2 = Brown (Tawny) | |
| 16. PLANT TYPES: | |
| 1 = Siender ('Essex'; 'Amsoy 71') 2 3 = Bushy ('Gnome'; 'Govan') | 2 = Intermediate ('Amcor'; 'Braxton') |
| 17. PLANT HABIT: | |
| 1 = Determinate ('Gnome'; 'Braxton') 3 = Indeterminate ('Nebsoy'; 'Improved Pel | 2 = Semi-Determinate ('Will') |
| 18. MATURITY GROUP: | |
| 2 1 = 000 2 = 00 3 = 0 9 = VI 10 = VII 11 = VIII | 4=I 5=II 6=III 7=IV 8=V I 12=IX 13=X |
| to piopiop and allowing | |
| -19. UISEASE REACTION: (Enter 0 = Not Tected: 1 = 9 | Succeptible: 2 × Reviewanti |
| 19. DISEASE REACTION: (Enter 0 = Not Tested; 1 = S BACTERIAL DISEASES: | Susceptible; 2 = Resistant) |
| | |
| BACTERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli va | |
| BACTERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli va Bacterial Blight (Pseudomonas glycinea) | |
| BACTERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli va Bacterial Blight (Pseudomonas glycinea) Wildfire (Pseudomonas tabaci) | ar. sojensis) |
| BACTERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli va Bacterial Blight (Pseudomonas glycinea) Wildfire (Pseudomonas tabaci) FUNGAL DISEASES: | |
| BACTERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli va Bacterial Blight (Pseudomonas glycinea) Wildfire (Pseudomonas tabaci) | ar. sojensis) |
| BACTERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli va Bacterial Blight (Pseudomonas glycinea) Wildfire (Pseudomonas tabaci) FUNGAL DISEASES: | ar. sojensis) |
| BACTERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli va Bacterial Blight (Pseudomonas glycinea) Wildfire (Pseudomonas tabaci) FUNGAL DISEASES: Brown Spot (Septoria glycines) Frogeye Leaf Spot (Cercospora sojina) Race 1 Race 2 Rac | ar. sojensis) |
| BACTERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli va Bacterial Blight (Pseudomonas glycinea) Wildfire (Pseudomonas tabaci) FUNGAL DISEASES: Brown Spot (Septoria glycines) Frogeye Leaf Spot (Cercospora sojina) Race 1 Race 2 Race Target Spot (Corynespora cassiicola) | ar. sojensis) ace 3 Race 4 Race 5 Other (Specify) |
| BACTERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli va Bacterial Blight (Pseudomonas glycinea) Wildfire (Pseudomonas tabaci) FUNGAL DISEASES: Brown Spot (Septoria glycines) Frogeye Leaf Spot (Cercospora sojina) Race 1 Race 2 Rac Target Spot (Corynespora cassiicola) Downy Mildew (Peronospora trifoliorum var. | ar. sojensis) ace 3 Race 4 Race 5 Other (Specify) |
| BACTERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli va Bacterial Blight (Pseudomonas glycinea) Wildfire (Pseudomonas tabaci) FUNGAL DISEASES: Brown Spot (Septoria glycines) Frogeye Leaf Spot (Cercospora sojina) Race 1 Race 2 Race Target Spot (Corynespora cassiicola) | ar. sojensis) ace 3 Race 4 Race 5 Other (Specify) |
| BACTERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli va Bacterial Blight (Pseudomonas glycinea) Wildfire (Pseudomonas tabaci) FUNGAL DISEASES: Brown Spot (Septoria glycines) Frogeye Leaf Spot (Cercospora sojina) Race 1 Race 2 Rac Target Spot (Corynespora cassiicola) Downy Mildew (Peronospora trifoliorum var. | Race 3 Race 4 Race 5 Other (Specify) |

| | | | • | |
|-----------------------|-------------------------------------------|---------------------------------------|---------------------|---------------------------------------|
| | | | 95(| 0190 |
| 19. DISEASE REACTIO | N: (Enter 0 = Not Tested; 1 = Susceptible | e; 2 = Resistant) (Continued) | | |
| FUNGAL DISEAS | ES: (Continued) | | | |
| Pod and Ste | m Blight (Diaporthe phaseolorum var; soj | ae) | | |
| 1 Purple Seed | Stain (Cercospora kikuchii) | | | |
| Rhizoctonia | Root Rot (Rhizoctonia solani) | | | |
| Phytophthol | ra Rot (Phytophthora megasperma var. so | jae) | | _ |
| 2 Race 1 | 2 Race 2 1 Race 3 | 1 Race 4 1 Race 5 | 1 Race 6 1 | Race 7 |
| 1 Race 8 | 1 Race 9 Other (Speci | fy) | | · · · · · · · · · · · · · · · · · · · |
| VIRAL DISEASES | : | | | |
| Bud Blight (| Tobacco Ringspot Virus) | | | |
| Yellow Mosa | ic (Bean Yellow Mosaic Virus) | | | |
| Cowpea Mos | aic (Cowpea Chlorotic Virus) | | | • |
| Pod Mottle (| Bean Pod Mottle Virus) | | | • |
| Seed Mottle | (Soybean Mosaic Virus) | | | |
| NEMATODE DISE | ASES: | | | • |
| Soybean Cys | t Nematode (Heterodera glycines) | | | |
| 1 Race 1 | 1 Race 2 1 Race 3 | 1 Race 4 Other (S | Specify) | |
| Lance Nemat | tode (Hoplolaimus Colombus) | | | • |
| Southern Ro | ot Knot Nematode (Meloidogyne incognit | a) | | |
| Northern Roo | ot Knot Nematode (Meloidogyne Hapla) | | • | |
| Peanut Root | Knot Nematode (Meloidogyne arenaria) | | | |
| Reniform Ne | matode (Rotylenchulus reniformis) | | | • |
| OTHER DISE | EASE NOT ON FORM (Specify): | · · · · · · · · · · · · · · · · · · · | | |
| | | | | |
| | SPONSES: (Enter 0 = Not Tested; 1 = Se | usceptible; 2 = Resistant) | | |
| 2 Iron Chlorosis | s on Calcareous Soil Moderately | Resistant | | |
| Other (Specif | y) | | | |
| 21. INSECT REACTION: | (Enter 0 = Not Tested; 1 = Susceptible; 2 | = Resistant) | | |
| Mexican Bean | Beetle (Epilachna varivestis) | | | |
| Potato Leaf H | iopper (Empoasca fabae) | | | |
| Other (Specify | y) | | | |
| 22. INDICATE WHICH VA | RIETY MOST CLOSELY RESEMBLES | THAT SUBMITTED. | | · · · · · · · · · · · · · · · · · · · |
| CHARACTER | NAME OF VARIETY | CHARACTER | NAME OF VAR | RIETY |
| Plant Shape | Agassiz | Seed Coat Luster | S00 ² 88 | |
| Leaf Shape | A.C. Harmony | Seed Size | KG41 | |
| Leaf Color | S00-88 | Seed Shape | S00 - 88 | : |
| Leaf Size | 1 | Seedling Pigmentation | | |

Seedling Pigmentation

S00488

A.C. Harmony

23. GIVE DATA FOR SUBMITTED AND SIMILAR STANDARD VARIETY: Paired Comparison Data

| VARIETY | NO. OF DAYS | | CM PLANT HEIGHT | LEAFLET SIZE | | SEED CONTENT | | SEED SIZE G/100 | NO. SEEDS/ |
|------------------------------------|----------------|-------|-----------------------|--------------|-----------|--------------|-------|--------------------|---------------|
| | MATURITY SCORE | SCORE | | CM Width | CM Length | % Protein | % Oil | SEEDS | POD |
| Submitted | 122 | 2.3 | 79 | 6.3 | 9.4 | 41.3 | 20.4 | 17.6 | |
| KG41 Name of Similar Variety | 125 | 1.9 | 75 | 6.3 | 10.3 | 40.2 | 21.6 | 17.3 | |

PUBLICATIONS USEFUL AS REFERENCE AIDS FOR COMPLETING THIS FORM:

- 1. Caldwell, B.E., ed. 1973. Soybeans: Improvement, Production, and Uses. Amer. Soc. Agron. Monograph No. 16.
- 2. Buttery, B.R. and R.I. Buzzell. 1968. Peroxidase activity in seeds of soybean varieties. Crop Sci., 8: 722-725.
- 3. Hymowitz, T. 1973. Electrophoretic analysis of SBTI-A2 in the USDA soybean germplasm collection. Crop Sci., 13: 420-421.
- 4. Payne, R.C. and L.F. Morris. 1976. Differentiation of soybean cultivars by seedling pigmentation patterns. J. Seed Technol. 1: 1-19.

EXHIBIT E

Statement of the Basis of Applicant's Ownership

Soybean variety S00-66 was developed from germplasm sources cited in Exhibit A of this application. Northrup King Co. believes that the variety is novel as defined in the Plant Variety Protection Act and, therefore, that Northrup King is the sole owner of the variety.